

APPLICANT FACSIMILE OF FORM PTO-1449

REV 7-80

U.S. DEPARTMENT OF
COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

SERIAL NO.

GIN-005

09/027,205

LIST OF PUBLICATIONS CITED BY APPLICANT
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APPLICANT

June, C.H. et al.

FILING DATE

February 20, 1998

GROUP

1644

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes NO
AB					

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

26	AC	Alkhatib, G. et al. "CC CKR5: A RANTES, MIP-1 α , MIP-1 β Receptor as a Fusion Cofactor for Macrophage-Tropic HIV-1" <i>Science</i> 272:1955-1958 (1996);
	AD	Åsjö, B. et al. "A Novel Mode of Human Immunodeficiency Virus Type 1 (HIV-1) Activation: Ligation of CD28 Alone Induces HIV-1 Replication in Naturally Infected Lymphocytes" <i>Journal of Virology</i> 67(7):4395-4398 (1993);
	AE	Baca, L.M. et al. "Regulation of Interferon- α -Inducible Cellular Genes in Human Immunodeficiency Virus-Infected Monocytes" <i>Journal of Leukocyte Biology</i> 55:299-309 (1994);
	AF	Baier, M. et al. "HIV Suppression by Interleukin-16" <i>Nature</i> 378:563 (1995);
	AG	Barker, T.D. et al. "Identification of Multiple and Distinct CD8 ⁺ T Cell Suppressor Activities" <i>The Journal of Immunology</i> 156:4476-4483 (1996);
	AH	Beyers, A.D. et al. "Molecular Associations Between the T-Lymphocyte Antigen Receptor Complex and the Surface Antigens CD2, CD4, or CD8 and CD5" <i>Immunology</i> 89:2945-2949 (1992);
	AI	Brand, D. et al. "Determinants of Human Immunodeficiency Virus Type 1 Entry in the CDR2 Loop of the CD4 Glycoprotein" <i>Journal of Virology</i> 69(1):166-171 (1995);
	AJ	Breitmeyer, J.B. et al. "The T11 (CD2) Molecule is Functionally Linked to the T3/Ti T Cell Receptor in the Majority of T Cells" <i>The Journal of Immunology</i> 139:2899 (1987);
	AK	Ceuppens, J.L. and Baroja, M.L. "Monoclonal Antibodies to the CD5 Antigen Can Provide the Necessary Second Signal for Activation of Isolated Resting T Cells by Solid-Phase-Bound OKT3" <i>The Journal of Immunology</i> 137:1816-1821 (1986);
	AL	Choe, H. et al. "The β -Chemokine Receptors CCR3 and CCR5 Facilitate Infection by Primary HIV-1 Isolates" <i>Cell</i> 85:1135-1148 (1996);
	AM	Cocchi, F. et al. "Identification of RANTES, MIP-1 α , and MIP-1 β as the Major HIV-Suppressive Factors Produced by CD8 ⁺ T Cells" <i>Science</i> 270:1811-1815 (1995);
	AN	Conlon, K. et al. "CD8 ⁺ and CD45RA ⁺ human Peripheral Blood Lymphocytes are Potent Sources of Macrophage Inflammatory Protein 1 α , Interleukin-8 and RANTES" <i>Eur. J. Immunol.</i> 25:751-756 (1995);
	AO	Dean, M. et al. "Genetic Restriction of HIV-1 Infection and Progression to AIDS by a Deletion Allele of the CKR5 Structural Gene" <i>Science</i> 273:1856-1862 (1996);
1131101	AP	Deng, H. et al. "Identification of a Major Co-Receptor for Primary Isolates of HIV-1" <i>Nature</i> 381:661-666 (1996);

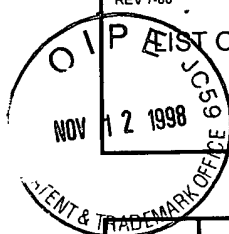
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LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT June, C.H. et al.	
		FILING DATE February 20, 1998	GROUP 1644



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BA						

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
BB					

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

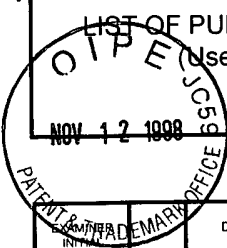
BC	Doranz, B.J. et al. "A Dual-Tropic Primary HIV-1 Isolate That Uses Fusin and the β -Chemokine Receptors CKR-5, CKR-3, and CKR-2b as Fusion Cofactors" <i>Cell</i> 85 :1149-1158 (1996);
BD	Dragic, T. et al. "HIV-1 Entry Into CD4 ⁺ Cells is Mediated by the Chemokine Receptor CC-CKR-5" <i>Nature</i> 381 :667-673 (1996);
BE	Fauci, A.S. "Host Factors and the Pathogenesis of HIV-Induced Disease" <i>Nature</i> 384 :529-534 (1996);
BF	Feng, Y. et al. "HIV-1 Entry Cofactor: Functional cDNA Cloning of a Seven-Transmembrane, G Protein-Coupled Receptor" <i>Science</i> 272 :872-877 (1996);
BG	Gartner, S. et al. "The Role of Mononuclear Phagocytes in HTLV-III/LAV Infection" <i>Science</i> 233 :215-219 (1986);
BH	Geppert, T.D. et al "Activation of Human T4 Cells by Cross-Linking Class I MHC Molecules" <i>The Journal of Immunology</i> 140 :2155-2164 (1988);
BI	Geppert, T.D and Lipsky, P.E. "Activation of T Lymphocytes by Immobilized Monoclonal Antibodies to CD3: Regulator Influences of Monoclonal Antibodies to Additional T Cell Surface Determinants" <i>J. Clin. Invest.</i> 81 :1497-1505 (1988);
BJ	Hansen, J.A. et al. "Monoclonal Antibodies Identifying a Novel T-Cell Antigen and Ia Antigens of Human Lymphocytes" <i>Immunogenetics</i> 10 :247-260 (1980);
BK	June, C.H. et al. "The B7 and CD28 Receptor Families" <i>Immunology Today</i> 15 (7):321-331 (1994);
BL	June, C.H. et al. "T-Cell Proliferation Involving the CD28 Pathway Is Associated with Cyclosporine-Resistant Interleukin 2 Gene Expression" <i>Molecular and Cellular Biology</i> 7 (12):4472-4481 (1987);
BM	Kabat, D. et al. "Differences in CD4 Dependence for Infectivity of Laboratory-Adapted and Primary Patient Isolates of Human Immunodeficiency Virus Type 1" <i>Journal of Virology</i> 68 (4):2570-2577 (1994);
BN	Kinter, A.L. et al. "Interleukin 2 Induces CD8 ⁺ T Cell-Mediated Suppression of Human Immunodeficiency Virus Replication in CD4 ⁺ T Cells and this Effect Overrides Its Ability to Stimulated Virus Expression" <i>Proc. Natl. Acad. Sci. USA</i> 92 :10985-10989 (1995);
BO	Kollmann, T. R. et al. "Inhibition of Acute <i>in vivo</i> Human Immunodeficiency Virus Infection by Human Interleukin 10 Treatment of SCID Mice Implanted with Human Fetal Thymus and Liver" <i>Proc. Natl. Acad. Sci. USA</i> 93 :3126-3131 (1996);

Examiner *Philip Granger* 1/31/99 Date Considered

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FOREIGN PATENT DOCUMENTS

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CB						

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

NO OR	CC	Lai, J-H and Tan, T-H. "CD28 Signaling Causes a sustained Down-Regulation of I κ B α Which Can Be Prevented by the Immunosuppressant Rapamycin" <i>The Journal of Biological Chemistry</i> 269(48):30077-30080 (1994);
	CD	Ledbetter, J.A. et al. "Antibodies to Tp67 and Tp44 Augment and Sustain Proliferative Responses of Activated T Cells" <i>The Journal of Immunology</i> 135(4):2331-2336 (1985);
	CE	Ledbetter, J.A. et al. "An Immunoglobulin Light Chain Dimer with CD4 Antigen Specificity" <i>Mol. Immunol.</i> 24:1255-1261 (1987);
	CF	Ledbetter, J.A. et al. "Role of CD2 Cross-Linking in Cytoplasmic Calcium Responses and T Cell Activation" <i>Eur. J. Immunol.</i> 18:1601-1608 (1988);
	CG	Ledbetter, J.A. et al. "Signal Transduction Through CD4 Receptors: Stimulatory vs. Inhibitory Activity is Regulated by CD4 Proximity to the CD3/T Cell Receptor" <i>Eur. J. Immunol.</i> 18:525-532 (1988);
	CH	Levine, B.L. et al. "Antiviral Effect and Ex Vivo CD4 ⁺ T Cell Proliferation in HIV-Positive Patients as a Result of CD28 Costimulation" <i>Science</i> 272:1939-1943 (1996);
	CI	Levine, B.L. et al. "CD28 Ligands CD80 (B7-1) and CD86 (B7-2) Induce Long-Term Autocrine Growth of CD4 ⁺ T Cells and Induce Similar Patterns of Cytokine Secretion <i>in vitro</i> " <i>International Immunology</i> 7(6):891-904 (1995);
	CJ	Liu, R. et al. "Homozygous Defect in HIV-1 Coreceptor Accounts for Resistance of Some Multiply-Exposed Individuals to HIV-1 Infection" <i>Cell</i> 86:367-377 (1996);
	CK	Loetscher, P. et al. "Interleukin-2 Regulates CC Chemokine Receptor Expression and Chemotactic Responsiveness in T Lymphocytes" <i>J. Exp. Med.</i> 184:569-577 (1996);
	CL	Los, M. et al. "Inhibition of Activation of Transcription Factor AP-1 by CD28 Signalling in Human T-Cells" <i>Biochem. J.</i> 302:119-123 (1994);
	CM	Mackewicz, C.E. et al. "CD8 ⁺ T Cells Suppress Human Immunodeficiency Virus Replication by Inhibiting Viral Transcription" <i>Proc. Natl. Acad. Sci. USA</i> 92:2308-2312 (1995);
	CN	Martin, P.J. et al. "A New Human T-Cell Differentiation Antigen: Unexpected Expression on Chronic Lymphocytic Leukemia Cells" <i>Immunogenetics</i> 11:429-439 (1980);
MA	CO	Mascola, J.R. et al. "Two Antigenically Distinct Subtypes of Human Immunodeficiency Virus Type 1: Viral Genotype Predicts Neutralization Serotype" <i>The Journal of Infectious Diseases</i> 169:48-54 (1994);
Examiner	<p><i>Philip G. Smith</i> 1/31/99 Date Considered</p>	
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FOREIGN PATENT DOCUMENTS

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DB						

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DC	Meylan, P.R.A. et al. "Mechanisms for the Inhibition of HIV Replication by Interferons- α , - β , and - γ in Primary Human Macrophages" <i>Virology</i> 193:138-148 (1993);
DD	Minty, A. et al. "Interleukin-13 is a New Human Lymphokine Regulating Inflammatory and Immune Responses" <i>Nature</i> 362:248-250 (1993);
DE	Montaner, L.J. et al. "Interleukin 13 Inhibits Human Immunodeficiency Virus Type 1 Production in Primary Blood-Derived Human Macrophages In Vitro" <i>J. Exp. Med.</i> 178:743-747 (1993);
DF	Paxton, W.A. et al. "Relative Resistance to HIV-1 Infection of CD4 Lymphocytes from Persons Who Remain Uninfected Despite Multiple High-Risk Sexual Exposures" <i>Nature Medicine</i> 2(4):412-417 (1996);
DG	Pinchuk, L.M. et al. "The Role of CD40 and CD80 Accessory Cell Molecules in Dendritic Cell-Dependent HIV-1 Infection" <i>Immunity</i> 1:317-325 (1994);
DH	Poli, G. et al. "Interferons in the Pathogenesis and Treatment of Human Immunodeficiency Virus Infection" <i>Antiviral Research</i> 24:221-233 (1994);
DI	Schrezenmeier, H. and Fleischer, B. "A Regulatory role for the CD4 and CD8 Molecules in T Cell Activation" <i>The Journal of Immunology</i> 141(2):398-403 (1988);
DJ	Schwarz, M. et al. "High-Level IL-10 Production by Monoclonal Antibody-Stimulated Human T Cells" <i>Immunology</i> 86:364-371 (1995);
DK	Smithgall, M.D. et al. "Costimulation of CD4 ⁺ T Cells via CD28 Modulates Human Immunodeficiency Virus Type 1 Infection and Replication In Vitro" <i>AIDS Research and Human Retroviruses</i> 11(8):885-892 (1995);
DL	Spira, A.I. and Ho, D.D. "Effect of Different Donor Cells on Human Immunodeficiency Virus Type 1 Replication and Selection In Vitro" <i>Journal of Virology</i> 69(1):422-429 (1995);
DM	Thompson, C.B. et al. "CD28 Activation Pathway Regulates the Production of Multiple T-Cell-Derived Lymphokines/Cytokines" <i>Proc. Natl. Acad. Sci. USA</i> 86:1333-1337 (1989);
DN	Vahey, M.T. and Wong, M.T. "Quantitative Liquid Hybridization PCR Method Employing Storage Phosphor Technology" <i>PCR Primer: A Laboratory Manual</i> . C.W. Dieffenbach and G.S. Dveksler, eds. Cold Spring Harbor Laboratory Press:313-338 (1995);
DO	Wainberg, M.A. et al. "Differential Susceptibility of Human Lymphocyte Cultures to Infection by HIV" <i>Clin. Exp. Immunol.</i> 70:136-142 (1987);
DP	Walker, C.M. et al. "CD8 ⁺ Lymphocytes Can Control HIV Infection in Vitro by Suppressing Virus Replication" <i>Science</i> 234:1563-1566 (1986);

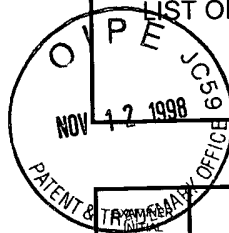
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EB						

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<i>R</i>	EC	Weissman, D. et al. "Interleukin 10 Blocks HIV Replication in Macrophages by Inhibiting the Autocrine Loop of Tumor Necrosis Factor α and Interleukin 6 Induction of Virus" <i>AIDS Research and Human Retroviruses</i> 10(10):1199-1206 (1994).
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